

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064872.D
 Acq On : 30 Nov 2020 15:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 9:35:14 AM

Quant Time: Dec 01 02:26:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	208923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	318090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	288972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	147808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	113455	46.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.42%
35) Dibromofluoromethane	7.55	113	97905	51.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.88%
50) Toluene-d8	10.06	98	382680	49.21	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.42%
62) 4-Bromofluorobenzene	12.38	95	138795	49.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.74%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	88893	49.094	ug/l	98
3) Chloromethane	2.04	50	110920	47.140	ug/l	98
4) Vinyl Chloride	2.16	62	119825	48.845	ug/l	97
5) Bromomethane	2.52	94	75956	47.193	ug/l	99
6) Chloroethane	2.67	64	75243	49.590	ug/l	99
7) Trichlorofluoromethane	2.98	101	174549	51.473	ug/l	98
8) Diethyl Ether	3.37	74	66942	50.012	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	111049	54.590	ug/l	99
10) Methyl Iodide	3.90	142	130528	49.469	ug/l	98
11) Tert butyl alcohol	4.75	59	92806	245.008	ug/l	99
12) 1,1-Dichloroethene	3.69	96	103535	51.105	ug/l	98
13) Acrolein	3.56	56	68800	297.359	ug/l	98
14) Allyl chloride	4.27	41	170510	51.028	ug/l	99
15) Acrylonitrile	4.93	53	280041	267.620	ug/l	98
16) Acetone	3.78	43	192355	240.914	ug/l	99
17) Carbon Disulfide	4.00	76	260316	49.765	ug/l	99
18) Methyl Acetate	4.28	43	123413	51.410	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	347518	53.484	ug/l	99
20) Methylene Chloride	4.50	84	123556	49.384	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	114661	50.965	ug/l	99
22) Diisopropyl ether	5.90	45	364405	54.485	ug/l	97
23) Vinyl Acetate	5.84	43	1467427	274.369	ug/l	100
24) 1,1-Dichloroethane	5.79	63	210211	52.591	ug/l	100
25) 2-Butanone	6.79	43	339026	261.937	ug/l	96
26) 2,2-Dichloropropane	6.77	77	182634	52.683	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	132401	52.299	ug/l	98
28) Bromochloromethane	7.15	49	88570	48.437	ug/l	96
29) Tetrahydrofuran	7.17	42	230296	257.761	ug/l	99
30) Chloroform	7.32	83	215888	52.375	ug/l	100
31) Cyclohexane	7.61	56	174038	51.411	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	187586	52.987	ug/l	99
36) 1,1-Dichloropropene	7.75	75	163454	55.439	ug/l	100
37) Ethyl Acetate	6.88	43	148502	52.288	ug/l	97
38) Carbon Tetrachloride	7.73	117	166534	54.285	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	184584	58.156	ug/l	99
40) Benzene	8.00	78	486655	53.864	ug/l	98
41) Methacrylonitrile	7.12	41	63245	48.261	ug/l	97
42) 1,2-Dichloroethane	8.08	62	161600	53.021	ug/l	100
43) Isopropyl Acetate	8.13	43	242576	53.080	ug/l #	91
44) Trichloroethene	8.80	130	145502	54.582	ug/l	98
45) 1,2-Dichloropropane	9.08	63	130638	55.835	ug/l	99
46) Dibromomethane	9.17	93	83712	53.555	ug/l	100
47) Bromodichloromethane	9.37	83	171816	54.629	ug/l	100
48) Methyl methacrylate	9.16	41	117014	53.585	ug/l	97
49) 1,4-Dioxane	9.17	88	44328	1074.022	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	738992	269.351	ug/l	100
52) Toluene	10.12	92	308592	55.462	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	190317	54.329	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	207903	55.370	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	124048	54.217	ug/l	97
56) Ethyl methacrylate	10.40	69	179562	56.871	ug/l	99
57) 1,3-Dichloropropane	10.68	76	206059	54.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	503353	289.824	ug/l	100
59) 2-Hexanone	10.72	43	541680	274.333	ug/l	100
60) Dibromochloromethane	10.87	129	139820	54.976	ug/l	99
61) 1,2-Dibromoethane	10.98	107	129399	55.667	ug/l	99
64) Tetrachloroethene	10.60	164	164506	58.514	ug/l	99
65) Chlorobenzene	11.41	112	338388	54.530	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	125434	55.001	ug/l	99
67) Ethyl Benzene	11.48	91	590993	57.008	ug/l	100
68) m/p-Xylenes	11.59	106	459906	117.174	ug/l	99
69) o-Xylene	11.92	106	215778	57.933	ug/l	99
70) Styrene	11.94	104	374408	59.546	ug/l	99
71) Bromoform	12.10	173	98867	54.278	ug/l #	99
73) Isopropylbenzene	12.22	105	580668	56.479	ug/l	100
74) N-amyl acetate	12.05	43	217161	53.673	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	152029	50.451	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	149733m	47.039	ug/l	
77) Bromobenzene	12.50	156	147035	53.047	ug/l	99
78) n-propylbenzene	12.57	91	676265	57.740	ug/l	99
79) 2-Chlorotoluene	12.65	91	396540	54.772	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	501232	58.654	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	61472	52.928	ug/l #	93
82) 4-Chlorotoluene	12.75	91	420078	55.356	ug/l	99
83) tert-Butylbenzene	12.97	119	418278	58.395	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	509588	58.979	ug/l	99
85) sec-Butylbenzene	13.14	105	569154	59.846	ug/l	100
86) p-Isopropyltoluene	13.26	119	532378	61.486	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	269053	54.636	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	269225	51.696	ug/l	100
89) n-Butylbenzene	13.59	91	466155	61.305	ug/l	99
90) Hexachloroethane	13.85	117	87884	58.427	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	261778	54.139	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	33579	49.523	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	165275	55.254	ug/l	100
94) Hexachlorobutadiene	14.98	225	82010	60.804	ug/l	98
95) Naphthalene	15.10	128	468375	52.267	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	157753	55.344	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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